

UTILITY PATENT APPLICATION TRANSMITTAL

*Submit an original and a duplicate for fee processing
(Only for new nonprovisional applications under 37 CFR 1.53(b))*

ADDRESS TO:

**Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231**

Attorney Docket No. 99,818

First Named Inventor Mark O. Vogel

Express Mail No. EL028733964US

Total Pages 74

APPLICATION ELEMENTS

1. Transmittal Form with Fee
2. Specification (including claims and abstract) [Total Pages 51]
3. Drawings [Total Sheets 11]
4. Oath or Declaration [Total Pages 3]
 - a. Newly executed
 - b. Copy from prior application [Note Boxes 5 and 17 below]
 - i. Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
5. Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program
7. Nucleotide and/or Amino Acid Sequence Submission
 - a. Computer Readable Copy
 - b. Paper Copy
 - c. Statement verifying above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers
9. Power of Attorney
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)
 - PTO-1449 Form
 - Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (Should be specifically itemized)
14. Small Entity Statement(s)
 - Enclosed
 - Statement filed in prior application; status still proper and desired
15. Certified Copy of Priority Document(s)
16. Other: Certificate of Express Mail

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
 Continuation Divisional Continuation-in-part of prior application Serial No. _____

APPLICATION FEES
BASIC FEE

\$690.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	32	-20=	12	x \$18.00 \$216.00
Independent Claims	6	- 3=	3	x \$78.00 \$234.00
<input type="checkbox"/> Multiple Dependent Claims(s) if applicable			+\$270.00	\$
			Total of above calculations =	\$1,140.00
			Reduction by 50% for filing by small entity =	\$()
<input checked="" type="checkbox"/> Assignment fee if applicable			+ \$40.00	\$40.00
			TOTAL =	\$1,180.00

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 99,818

18. Please charge my Deposit Account No. 13-2490 in the amount of \$
19. A check in the amount of \$1,180.00 is enclosed.
20. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:
- a. Fees required under 37 CFR 1.16.
 - b. Fees required under 37 CFR 1.17.
 - c. Fees required under 37 CFR 1.18.
21. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.

22. CORRESPONDENCE ADDRESS

Name	McDonnell Boehnen Hulbert & Berghoff
Address	32 nd Floor, 300 South Wacker Drive
City, State, Zip	Chicago, Illinois 60606

23. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name	Lawrence H. Aaronson, Reg. No. 35,818
Signature	<i>Lawrence H. Aaronson</i>
Date	March 29, 2000

UTILITY (Rev. 11/18/97)

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Hon. Commissioner of
Patents and Trademarks

Re: Applicant - Mark O. Vogel et al.

S/N

Atty MJD

Case No. 99,818

Method for Improved Cable Modem Ranging in a Data-Over-Cable System

Sir:

Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:

- Utility Patent Application Transmittal in Duplicate
- Specification (51 sheets including claims)
- Drawings (11 sheets)
- Signed Declaration and Power of Attorney
- Filing Fee Check
- Assignment Recordal Cover Sheet and Assignment
- Other Certificate of Express Mail

EL028733964US

Express Mail No. EL028733964US

Fee Enclosed

\$ 1,180.00

Respectfully,
McDonnell Boehnen Hulbert & Berghoff
Attorney for Applicant

Date Mailed: March 29, 2000

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

(NEW PATENT APPLICATION)

Attorney Docket No.: 99,818

Express Mail No. EL028733964US

Deposited March 29, 2000

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I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated above and is addressed to the Asst. Commissioner for Patents, Box Patent Application, Washington, DC 20231.

By: D. K. Guiney
(person *actually* depositing)

Patent Application of: Mark O. Vogel and Philip Robinson

Title: Method for Improved Cable Modem Ranging in a Data-Over-Cable System

- Patent Application (51 pages, including claims)
- Drawings (11 sheets)
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- Utility Patent Application Transmittal in Duplicate
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- Assignment Recordal Cover Sheet and Assignment
- Other

- 1 -